## What is claimed is:

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1. A method for operating an internal combustion engine having a compressor, the method comprising the steps of:

limiting a pressure ratio across said compressor in dependence upon a mass flow through said compressor utilizing a pump limit to prevent a pumping of said compressor;

making a check in at least one operating state of said engine as to whether a pumping of said compressor occurs; and,

correcting said pump limit in dependence upon the result of said check.

- 2. The method of claim 1, comprising the further step of detecting the occurrence of said pumping in dependence upon the amplitude of a fresh air mass which is supplied to said engine and oscillates at a pregiven frequency.
- 3. The method of claim 2, comprising the further step of determining said amplitude utilizing a discrete Fourier transformation of a scanned signal sequence of a detected fresh air mass.
- 4. The method of claim 2, wherein, in a first range of said amplitude, a first state of said pumping is detected and, in a second range of said amplitude, a second state of said pumping is detected; and, the amplitudes in said second range are greater than in said first range.
- 5. The method of claim 4, wherein said pump limit is reduced for a pregiven time by a first pregiven value.

- 6. The method of claim 1, wherein a new pump limit is formed when the pump limit is corrected in that a previous pump limit is reduced by a second pregiven value.
- 7. The method of claim 6, wherein the pump limit is corrected in a new driving cycle independently of the check as to the pumping of said compressor; and, a new pump limit is formed in that a previous pump limit is increased by a third pregiven value.
- 8. The method of claim 7, wherein said second pregiven value is selected greater than said third pregiven value.

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- 9. The method of claim 1, wherein a correction of said pump limit is only carried out when the newly forming pump limit does not exceed a pregiven course of said pump limit.
- 10. The method of claim 1, wherein the correction of said pump limit is carried out in segments in dependence upon the mass flow through said compressor.